

# Math Problem

To find the value of  $f(-2 - g(3))$ , we need to solve it step by step.

1. **Calculate  $g(3)$ :**

$$g(x) = x^2 - 3$$

$$g(3) = 3^2 - 3 = 9 - 3 = 6$$

2. **Evaluate  $-2 - g(3)$ :**

$$-2 - g(3) = -2 - 6 = -8$$

3. **Calculate  $f(-8)$ :**

$$f(x) = \frac{3}{4}x + 10$$

$$f(-8) = \frac{3}{4}(-8) + 10 = -6 + 10 = 4$$

Thus, the value of  $f(-2 - g(3))$  is

$$\boxed{4}$$